

Figure 1

FIG. 2 is a block diagram of a computer system 100 in accordance with the present invention.

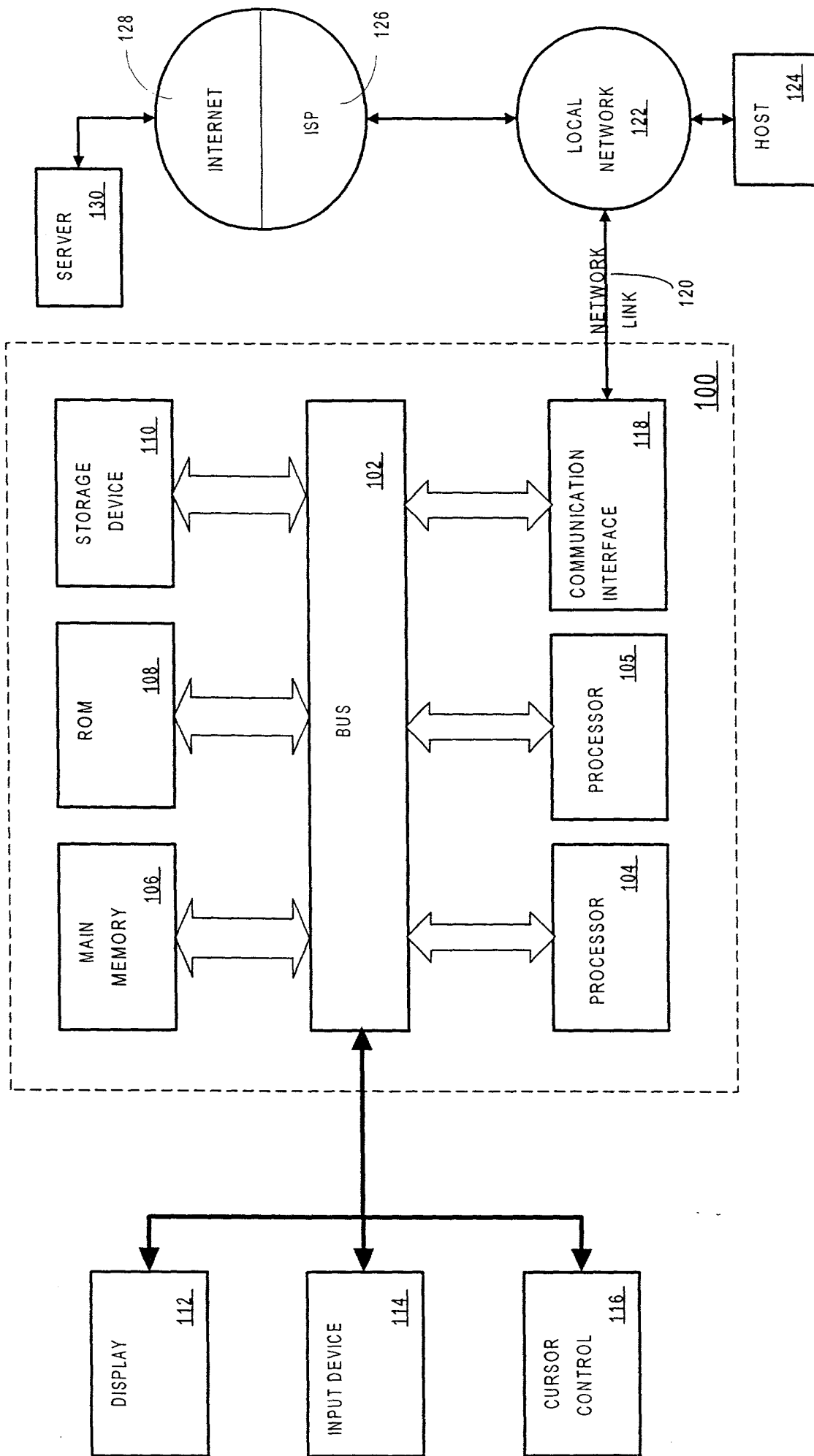
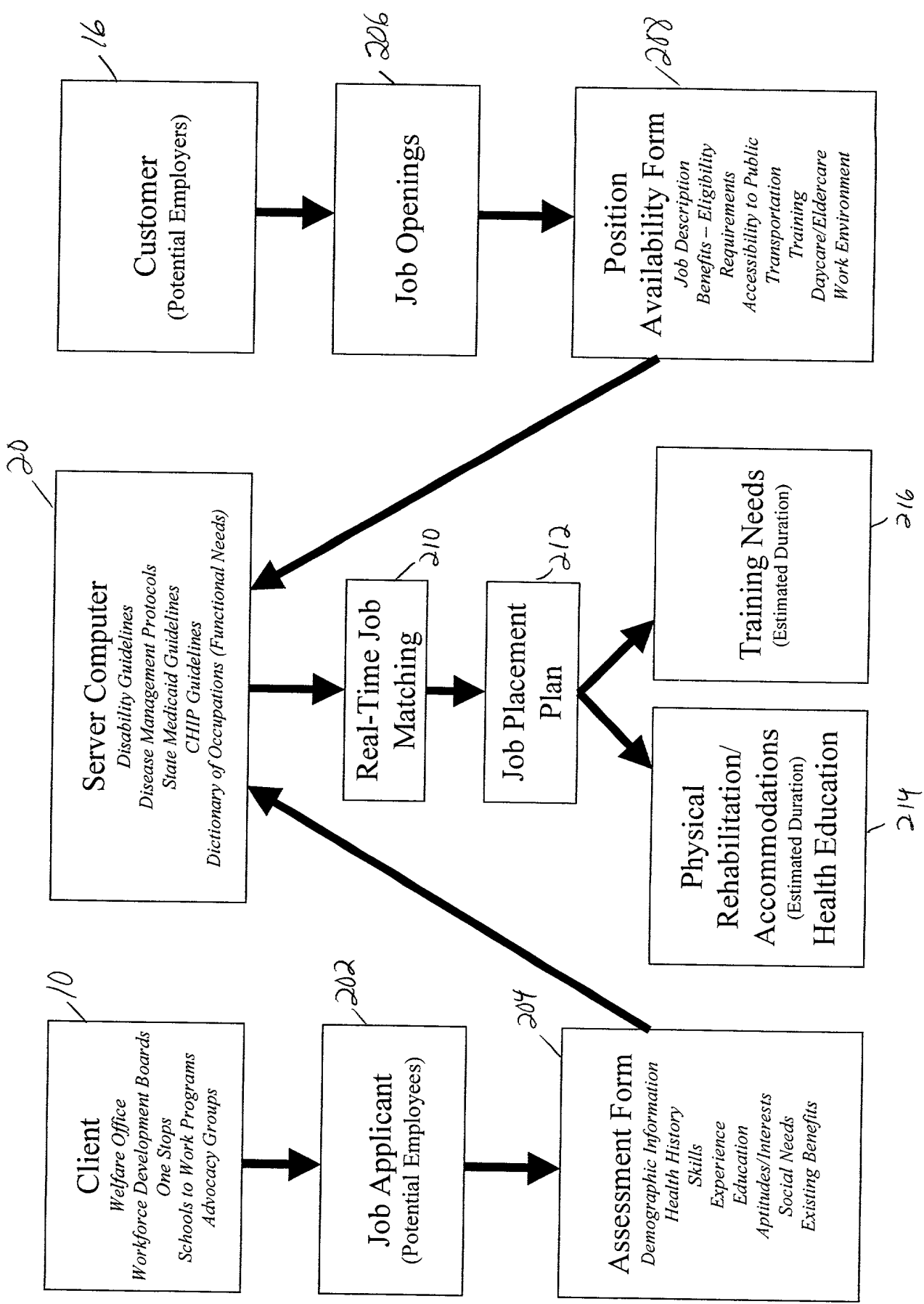


FIG. 2

Figure 3

200



Client Demographics

300

Client: Demographics

Case #: 1987435670 Telephone: 215-345-5478

Client Name: Susan Brown DOB: 05/23/1977

Address 1: 1904-A South Street SSN: 0014-54-9204

Address 2: Apartment 4-B Preferred Language: English

City: Philadelphia Marital Status: Separated

State: PA Gender: Female

Zip: 10952 Race: American Indian

Lock-in Status: Currently Locked In

1. Do you have any dependent children or other dependants? Yes No Unknown

Please list them:

Name	Age	Relationship
Angela Smith	4 yrs.	Daughter
Bruce Brown	2 yrs.	Aunt
Alicia Brown	1 yr.	Brother-in-Law
		Common-Law Husband
		Common-Law Wife
		Cousin
		Daughter
		Daughter-in Law
		Father
		Father-in-Law

Demographics Education/Training Health History Work History

Figure 4

Health History

400

Health History

Case # 1987435670 - 402
 Name Susan Brown - 404
 Primary Provider Michael Jones, MD - 406
 Health Center Aetna East Hospital - 408

1. Are you currently under a provider's care? ☒ Yes ☐ No ☐ N/A - 409

Name: Michael Jones, MD - 410
 Address 1: 32 South Street - 412
 Address 2: Suite 203 - 418
 City: Philadelphia State: PA Zip: 19523

1 a. When was your last doctor's visit? 01/05/2000 - 420
 1 b. What was the reason for the visit? Flu - 422

2. Have you required healthcare treatment in the past? ☒ Yes ☐ No ☐ N/A - 424

Why? 426
 Date 428
 Reason 428
 Treatment: Check Up, Vaccination, Consult, IME, Second Opinion, Other

3. Do you have a history of any serious illness, such as - 430
☒ None
☐ Heart Disease

Demographics Education/Training Health History Work History Govt Assistance Insurance/Health

Figure 5A

Insurance/Health Plan Information

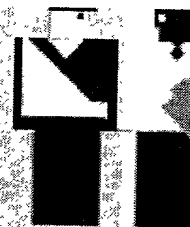
430

Insurance/Health Plan Information	
Case #	1987433670
Name	Susan Brown
County	Philadelphia
Current Plan	Aetna Health Plans
Plan Provider Number	34-321-AB
Provider Type	General Hospital
PCP Name	Michael Jones, MD
Clinic/Hospital Group	Aetna Central & Eastern PA
Special Medical Needs	<div> <div>448</div> <div> <input checked="" type="checkbox"/> Asthma <input type="checkbox"/> Diabetes <input type="checkbox"/> Heart Disease <input type="checkbox"/> High Blood Pressure <input type="checkbox"/> Kidney Problems <input type="checkbox"/> Birth Defects <input type="checkbox"/> Cancer <input type="checkbox"/> Mental Health Problem <input type="checkbox"/> Sickle Cell Disease <input type="checkbox"/> Medic Visually Impaired </div> </div>
Other Insurance Coverage #1	452
Other Insurance Policy #1	454
Other Insurance Coverage #2	

Figure 5B

New Job Applicant

460



INSURANCE AND HEALTH PLAN INFORMATION

Client Case Number: 23458034
Client Name: Roger J. Carmichael
County: Philadelphia

HEALTH COVERAGE

Select One:

Plan ID:

Group Number:

Date of Eligibility:

mm/dd/yyyy

Plan Provider Number:

Other Insurance Coverage #1:

PCP Name:

Clinic or Hospital Group:

Special Medical Needs:

- To help us place you in the most appropriate understand the special medical needs you
- Do you have:

- ☐ Asthma
- ☐ Diabetes
- ☐ Heart Disease
- ☒ Low Back Pain
- ☐ Neck Problems
- ☐ Cancer
- ☐ Birth Defects

LOWER BACK PAIN INVENTORY

Client Case Number: 23458034
Client Name: Roger J. Carmichael
County: Philadelphia

Do you require lumbar support?

☐ Yes ☐ No

Has your doctor told you not to?

- ☐ Bend
- ☐ Twist
- ☐ Light Lifting
- ☐ Medium Lifting
- ☐ Heavy Lifting
- ☐ Sit for prolonged periods (over 15 min)
- ☐ Sit in vibrating vehicles

CONTINUE

Figure 5C

[illegible]Figure 6A

Work History

520

Work History

Name: [REDACTED] 520
 SSN: 520
 Surn: Brown 520

1. What is the last job you had? Circuit City - PC Repair 520

2. Please describe briefly the job requirements. Repaired laptops and desk tops 520

3. Did you receive any on the job training to help you? Yes ☒ No ☐ N/A - 520

PC repair for IBM, Toshiba, and NEC laptops and desk top PCs. 520

Please describe: Seasonal Employment ☒ Lay Off ☐
 No Transportation ☐
 Laid Off ☐
 Down Sizing ☐
 Fired ☐
 Personal ☐
 Other ☐

4. How long did you work for this employer?
 From: 05/01/99 To: 2/10/99 Total Time: 7 months 520

5. Why did you leave? No Day Care 520

6. Did you have any problems or other issues with that job? Yes ☐ No ☒ N/A - 520

Demographics: Education/Training Health History Work History Gov't Assistance Insurance/Health

Figure 6B

Education and Training

542

Education and Training

Case #	1987435670
Name	Susan Brown

544
546

1. What is the highest school grade you have completed? 12 - 548

2. Did you receive a diploma or other certificate? ☐ Yes ☐ No ☐ N/A ☐ Unknown - 550

Please list them:

High School Diploma	
Vocational School Certificate	Computer Operator

552

3. Have you had any technical training? ☐ Yes ☐ No ☐ Unknown - 554

Please list:

Small appliance repair	
Computer Operator	
Switchboard Operator	
Other	

556

4. Have you received:

PCs	
PC Repair	

558

560

Demographics Education/Training Health History Work History Govt Assistance Insurance/Health

Figure 6C

562

back reset sign in contact us help become

New Job Applicant

PERSONAL INFORMATION

Client Case Number: 23458034 - 564
Client Name: Roger J. Carmichael - 566
County: Philadelphia - 568

How do you keep busy during the day? - 570
Walk

Do you have access to a car? - 572
☐ Yes ☐ No

Do you live near public transportation? - 574
☐ Yes ☐ No

Are you responsible for the care of a child under the age of five? - 576
☐ Yes ☐ No ☐ Not Applicable

Are you responsible for the care of another adult? - 578
☐ Yes ☐ No ☐ Not Applicable

How often in the last week have you felt? - 580
hopeless ☐ None ☐ Some ☐ A lot ☐ Completely

CONTINUE

Figure 6D

home

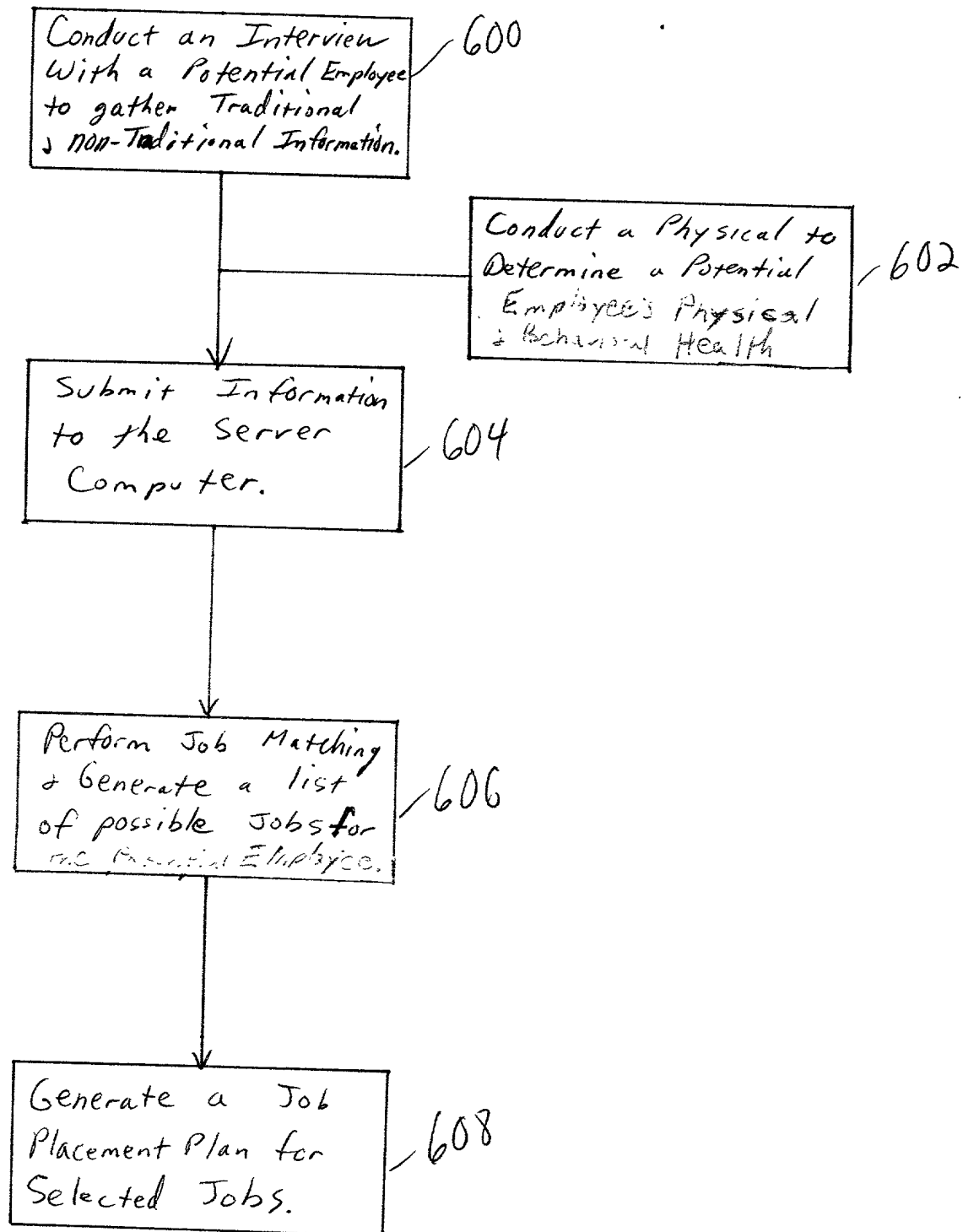


Figure 7

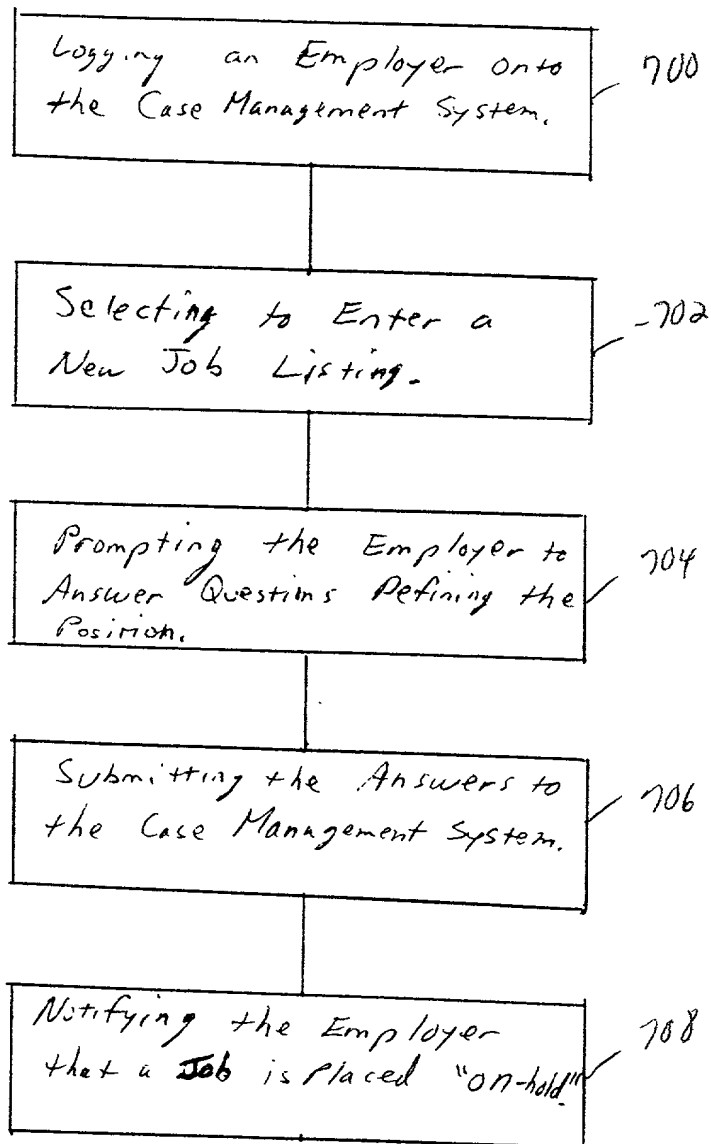


Figure 8

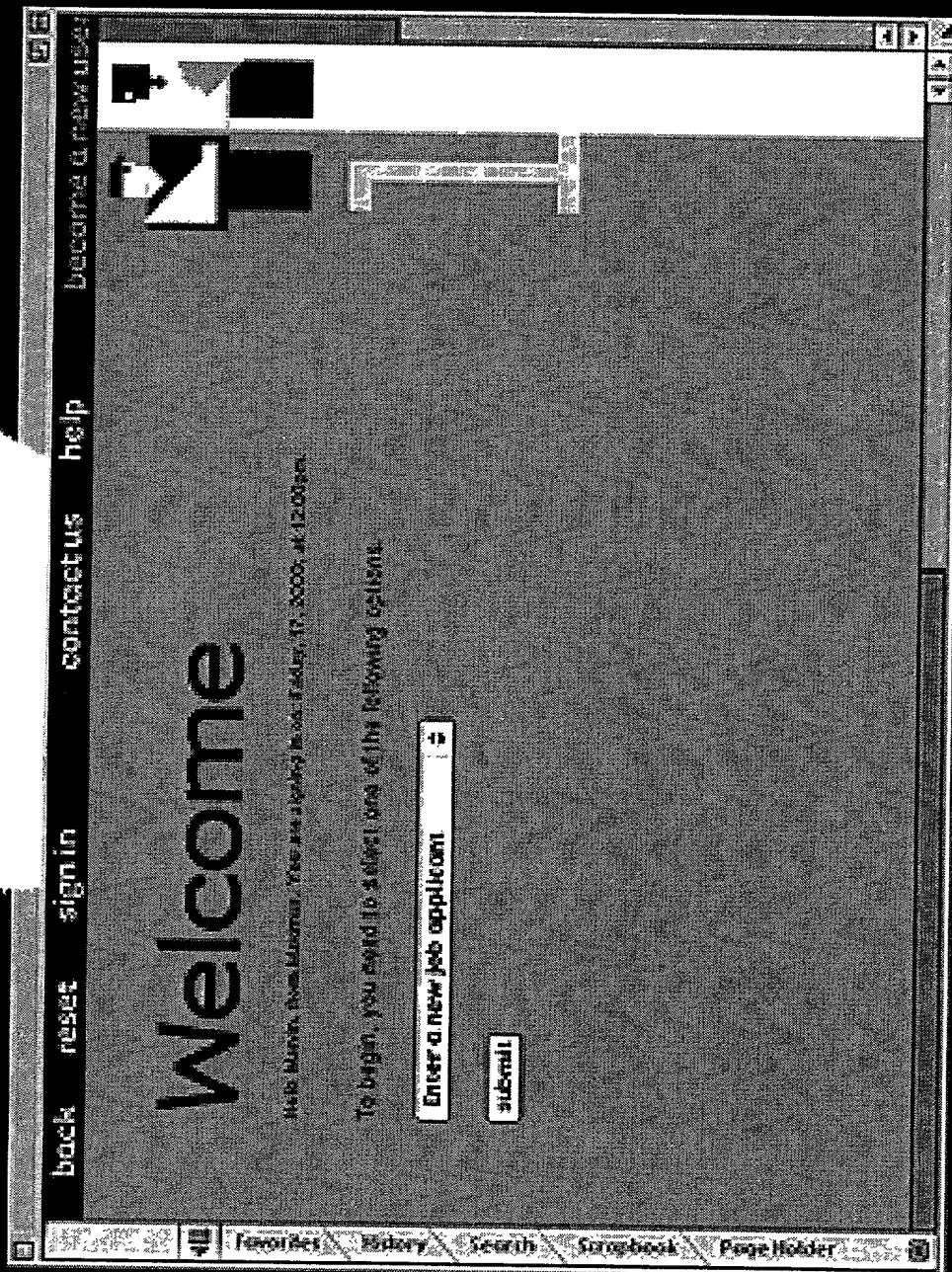


Figure 9A

back

reset

sign in

contact us

help

00000000000000000000



New Job

Company Name: Acme Construction 802

Location(s): All Locations 804

Department: 806

Job Title: 808

Date Available: 810

Please select the description below which most closely resembles the physical requirements of the position: 812

- ☐ Lift up to 10 pounds occasionally (less than 33% of time)
- ☐ Lift up to 10 pounds occasionally sit most of the time
- ☐ Lift up to 20 pounds occasionally 10 pounds frequently (36% of time) standing to a significant degree
- ☐ Lift up to 50 pounds occasionally 20 pounds frequently (36% of time) constantly (67% to 100% of time)
- ☐ Lift up to 100 pounds occasionally 50 pounds frequently (36% of time) constantly (67% to 100% of time)

Figure 9B

New Job

Company Name: Acme Construction - 820
Job Title: Clerk/Accounting Clerk - 822

Minimum Educational Required: High School Diploma - 824

Minimum Skills Required: - 826

Skill	Minimum Level
Reading	6th Grade
Writing	8th Grade
Math	High School
Spelling	6th Grade
Typing	50 w.p.m.
PC/Computer	Beginning

Knowledge of software packages: - 828

Word Perfect 5.1/Microsoft Word 97/98	<input checked="" type="radio"/> Required <input type="radio"/> Preferred
Microsoft Office 97/98	<input checked="" type="radio"/> Required <input type="radio"/> Preferred
Spreadsheets	<input type="radio"/> Required <input checked="" type="radio"/> Preferred
Scheduling	<input checked="" type="radio"/> Required <input type="radio"/> Preferred

Figure 9C

Term
 Very Low
 Low
 Medium
 High
 Very High

Description
 Hands are idle most of the time
 Frequent pauses, no difficulty keeping up
 Steady motion but leisurely pace -- no difficulty keeping up
 Hands in rapid steady motion
 Constant rapid motion -- difficulty keeping up

Action Required

Use foot controls

Reach above shoulder

Flex/extend elbow

Rotation of wrist

Flex/extend wrist

Deviate wrist

Pinch/grasp with fingers

Rubbing hands/arms

Pounding

Body Side

Frequency

Pace

Left	Rarely (10% or less)	Very Low
Left	Occasionally (11%-33%)	Very Low
Right	Not at all	Very Low
Dominant	Frequently (34% - 66%)	Very Low
Dominant	Frequently (34% - 66%)	Very Low

Figure 9D

906

900

Job is logged

Job: 2349085349 has been matched, and your account has been charged. The scheduled time for the client interview was:

January 16, 2001 at 3:15 pm — 908

Applicant: John Strong -902

2940850 -904

CONTINUE

Figure 10

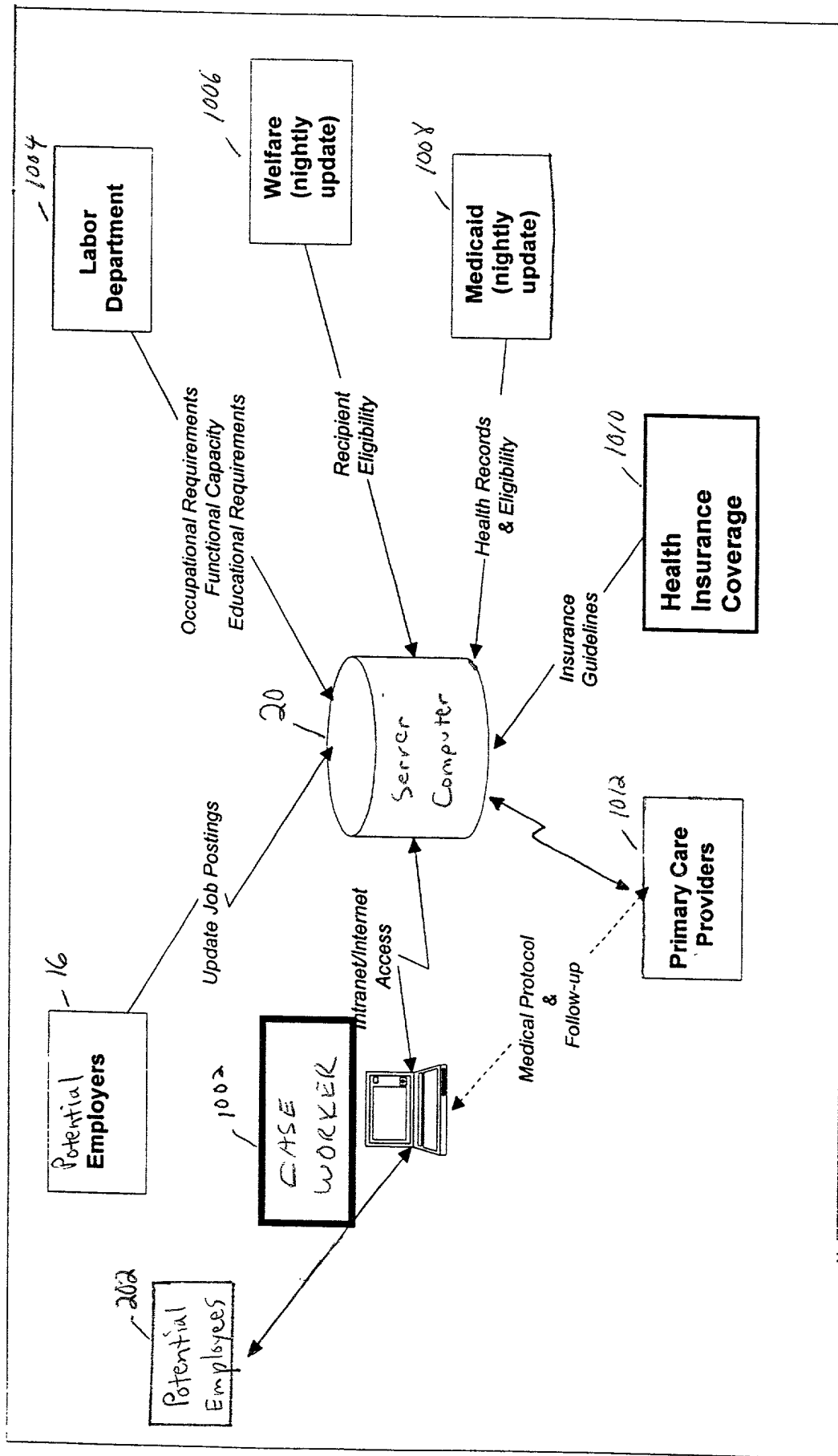


Figure 11

Compare the Information
from the Potential Employee
with the Knowledge, skills and
abilities required for a given job. 1100

Determine the Potential
Employee's Deficiencies. 1102

Assign a Value to Each
Deficiency Using
Predetermined Parameters. 1104

Generate a Matching
Percentage Based on
the Deficiency Values. 1106

Generate a List of
Potential Jobs and
Corresponding Matching
Percentages. 1108

Figure 12

Job Search Results

1200

Client Case Number: 23458034
Client Name: Roger J. Carmichael
County: Philadelphia

Match ¹²⁰² Title ¹²⁰⁴ Location ¹²⁰⁶ Company ¹²⁰⁸ Job Analysis ¹²¹⁰

100% System Operator Philadelphia, PA Northern Telecom Description

95% Accounting Clerk Philadelphia, PA Amtrak Plan

87% Research Filing Assistant Philadelphia, PA E-Jets Plan

Next three positions

Figure 13A

Job Title:	Clerk/Accounting Clerk
Location:	Philadelphia, Pa
Depart/Div/SBU:	Customer Service - Amtrak NorthEast
Job Duties:	<ul style="list-style-type: none"> • Types invoices, forms memos documents and correspondence pertaining to personnel or accounting. • Supports all record keeping as assigned both in record logs, accounts, inventories and personal computer. • Maintains records related to entitlements for pay, travel meals reimbursement according to Corporate policy and Agreements negotiated with the unions representing Amtrak Employees • Makes entries in log book on entitlements, hand writing entries on each employee about use of entitlements, vacation, personal holidays, leave, sick leave, military duty, jury duty, and bereavement leave when assigned such duties. • Works within the safety Program guidelines by being alert to physical hazards which affect operations, including modification of, recognition of or cessation of operations.
Tasks Performed:	<ul style="list-style-type: none"> • Maintains working familiarity with the TCU Agreement as it relates to Personnel and accounting operations. • Types, files and records accounting transactions, as necessary, distributes selected memos and other

1220

Figure 13B

Job Analysis

1230

Client Case Number: 23458034
Client Name: Roger J. Carmichael
County: Philadelphia

Match	Title	Location	Company
95%	Accounting Clerk	Philadelphia, PA	Amtrak

1232	1234	1236	1238
Deficiency	Job Requirements	Recruitment Recommendation	Action Taken
Lift Capacity: 10lbs.	Lift Capacity: 20lbs.	Physical Therapy	NA
Aversion to stress: 5	High Stress: 10	Stress Reduction Program (two weeks)	NA
No Car/Transportation	Position requires transportation to location	Car pool program: Share-A-Ride	NA

Figure 13C

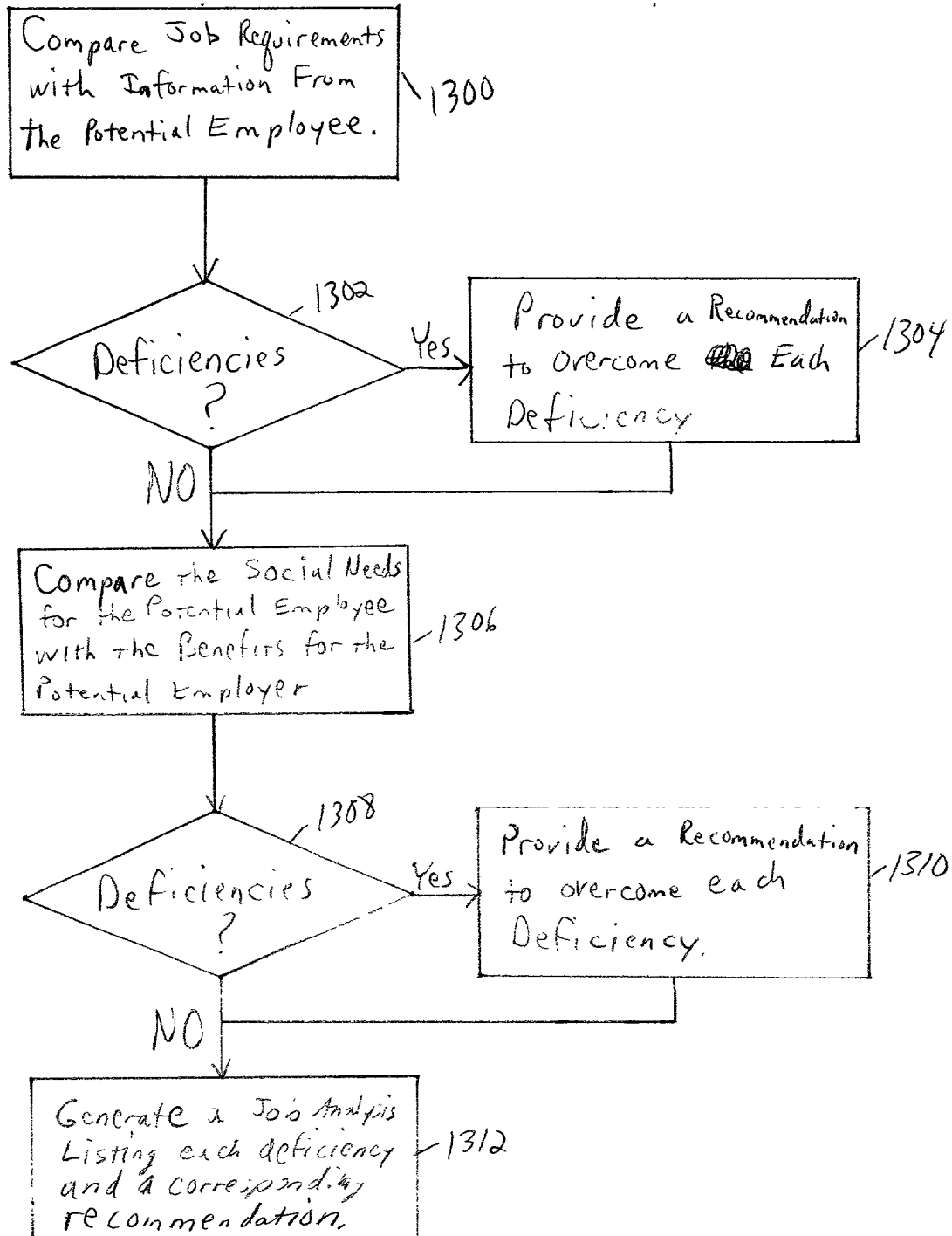


Figure 14

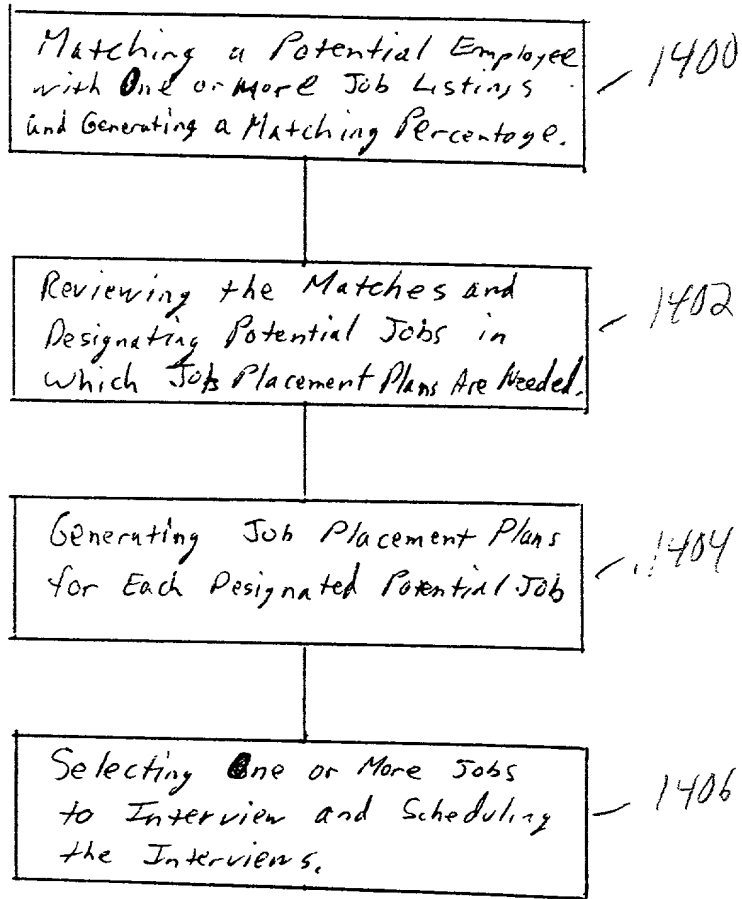


Figure 15